

FORM 6-K

SECURITIES AND EXCHANGE COMMISSION Washington D.C. 20549

Report of Foreign Issuer

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For 20 June 2002

GlaxoSmithKline plc (Name of registrant)



GLAXOSMITHKLINE, 980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9GS (Address of principal executive offices)

Indicated by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F

Form 20-F ____ Form 40-F

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes ____ No ___

PROCESSED

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20 June 2002

GlaxoSmithKline PLC



GlaxoSmithKline PLC announces that, in accordance with the authority granted by shareholders at the Annual General meeting on 20th May 2002, it purchased for cancellation 3,550,000 of its Ordinary 25 pence shares on Thursday 20th June 2002 at a price of 1397.31 pence per share.

Registered in England & Wales No. 3888792

Registered office 980 Great West Road Brentford, Middlesex. TW8 9GS

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorised.

GlaxoSmithKline plc (Registrant)

Date:

20 June 2002

Ву:

LORRAINE DAY

Authorised Signatory for and on behalf of GlaxoSmithKline plc